

SCOPE AND SEQUENCE:

Indiana’s Academic Standards for High School Science

Note: The gray-shaded boxes indicate the courses in which each Standard is represented.

	Biology I	Chemistry I	Earth and Space I	Environmental Science, Advanced	Integrated Chemistry – Physics	Physics I
<i>Principles of Biology</i>						
Molecules and Cells						
Developmental and Organismal Biology						
Genetics						
Evolution						
Ecology						
<i>Historical Perspectives of Biology</i>						
<i>Principles of Chemistry</i>						
Properties of Matter						
The Nature of Chemical Change						
The Structure of Matter						
The Nature of Energy and Change						
The Basic Structures and Reactions of Organic Chemicals						
<i>Historical Perspectives of Chemistry</i>						
<i>Principles of Earth and Space Science</i>						
The Universe						
The Earth						
Processes That Shape the Earth						
<i>Historical Perspectives of Earth and Space Science</i>						
<i>Principles of Environmental Science</i>						
Environmental Systems						
Flow of Matter and Energy						
Populations						
Natural Resources						
Environmental Hazards						
<i>Historical Perspectives of Environmental Science</i>						

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<i>Principles of Integrated Chemistry – Physics</i>						
Structure and Properties of Matter						
Changes in Matter						
Energy Transformations						
Motion						
Forces of Nature						
<i>Historical Perspectives of Integrated Chemistry – Physics</i>						
<i>Principles of Physics</i>						
The Properties of Matter						
The Relationships Between Motion and Force						
The Nature of Energy						
Momentum and Energy						
The Nature of Electricity and Magnetism						
The Behavior of Waves						
The Laws of Thermodynamics						
The Nature of Atomic and Subatomic Physics						
<i>Historical Perspectives of Physics</i>						